

Certificate of Analysis

Water Hardness Indicator, 1% Eriochrome Black T in 20% Triethanolamine/80% Isopropyl Alcohol

Lot Number: 4505N58

Product Number: 9301

Manufacture Date: JUN 05, 2025

Expiration Date: MAY 2026

Name	CAS#	Grade
Isopropyl Alcohol	67-63-0	ACS
Triethanolamine	102-71-6	Reagent
Eriochrome Black T	1787-61-7	ACS

Test	Specification	Result
Appearance	Dark red liquid	Passed
Suitability for Use	Wine Red (excess Ca or Mg) - Pure Blue (excess EDTA)	Passed

Specification	Reference
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Hardness Indicator Solution

ASTM (D 1126)

Volumetric glassware complies with Class A tolerance requirements of ASTM E 288 and NIST Circular 434; it is calibrated before first use and recalibrated regularly in accordance with ASTM E 542 and NIST Procedure NBSIR 74-461. Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. Thermometers and temperature probes are calibrated before first use and recalibrated regularly with a thermometer traceable to NIST standards. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document raw material traceability and production and testing history for each lot manufactured.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
9301-16	500 mL amber glass	12 months
9301-4	120 mL amber glass	12 months

Recommended Storage: 15°C - 30°C (59°F - 86°F)



Paul Brandon (06/05/2025)

Operations Manager

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